INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/004073

			005/004075
	ATION OF SUBJECT MATTER B66B5/18, B66B11/08		
According to Inte	ernational Patent Classification (IPC) or to both national	classification and IPC	
B. FIELDS SE.	ARCHED		
Minimum docum Int . Cl ⁷	entation searched (classification system followed by cla B66B1/00-B66B11/08	ssification symbols)	
Jitsuyo Kokai Ji	tsuyo Shinan Koho 1971-2005 To:	tsuyo Shinan Toroku Koho roku Jitsuyo Shinan Koho	1996-2005 1994-2005
Electronic data b	ase consulted during the international search (name of d	ata base and, where practicable, search te	rms used)
C. DOCUMEN	ITS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where app	propriate, of the relevant passages	Relevant to claim No.
A A	& CN 1279208 A & AU & BR 0002873 A & CA	1067084 A1 4264900 A 2312595 A1 136785 A	1 1
Further documents are listed in the continuation of Box C. See patent family annex			
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention. "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone. "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family. Date of mailing of the international search report.	
	e, 2005 (20.06.05)	05 July, 2005 (05.0	07.05)
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer	
Faesimile No.		Telephone No.	

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C (Continuation)	DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
A .	JP 9-326222 A (Mitsubishi Electric Corp.), 16 December, 1997 (16.12.97), Claims 1 to 8; Figs. 1 to 3 & US 6046423 A & EP 0800195 A2 & CN 1176474 A	1-9		
Α .	JP 2002-343199 A (Mitsubishi Electric Corp.), 29 November, 2002 (29.11.02), Par. Nos. [0002] to [0008]; Figs. 6 to 7 (Family: none)	1-9		
A	Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 123955/1981(Laid-open No. 29754/1983) (Hitachi Metals, Ltd.), 26 February, 1983 (26.02.83), Claim 1; Figs. 1 to 2 (Family: none)	1,3		
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